

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Figures 1-4. The sheets which include Figures 1-4 replace the corresponding original sheets. The legend "PRIOR ART" has been added in each of the figures.

Attachment: Replacement sheets
 Annotated sheets showing changes

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-9 are pending. Claims 1 and 6 are independent. Claim 1 is hereby amended. No new matter has been added. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. SUPPORT FOR AMENDMENT IN SPECIFICATION

Support for this amendment is provided throughout the Specification as originally filed and specifically at paragraph [0062] of Applicants' corresponding published application.

By way of example and not limitation:

[0062] Further, the motion vector detection device 100 has three route selection sections 104.sub.1-104.sub.3. **The above-described 12 operation processing units 102.sub.1-102.sub.12 are divided into suites each of which comprises the consecutive four operation processing units.** That is, they are divided into a suite 102a comprising the units 102₁ - 102₄, a suite 102b comprising the units 102₅-102₈, and a suite 102c comprising the units 102₉-102₁₂. The above-described three route selection sections

104₁-104₃ are inserted on the input sides of the suites 102a-10c, respectively. It is to be noted that the number of the suites need not be three and the number of the operation processing units 102_n that make up each suite need not be the same.

III. RESPONSE TO OBJECTIONS TO SPECIFICATION

The Abstract in the Specification is hereby amended, thereby obviating the objections.

IV. RESPONSE TO OBJECTIONS TO DAWINGS

The Drawings are hereby amended, thereby obviating the objections.

V. RESPONSE TO REJECTIONS UNDER 35 U.S.C. §112

Claim 1 recites, *inter alia*:

...wherein the plurality of series-connected execution means are divided into a plurality of suites, each of the plurality of suites including a predetermined number of the consecutive execution means... (Emphasis added)

The Office Action asserts that the claim 1 is indefinite. Claim 1 is hereby amended to recite, "the plurality of series-connected execution means are divided into a plurality of suites, each of the plurality of suites including a predetermined number of the consecutive execution means," thereby obviating the rejections under 35 U.S.C. §112.

Therefore, Applicants submit that independent claim 1 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to claim 1, claims 2-9 are also patentable.

CONCLUSION

Because Applicants maintain that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicants reserve the right to address such comments.

In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

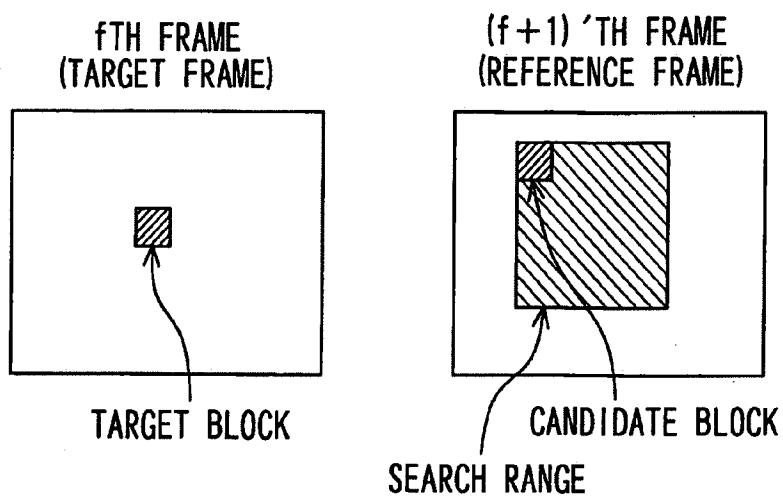
Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants

By 

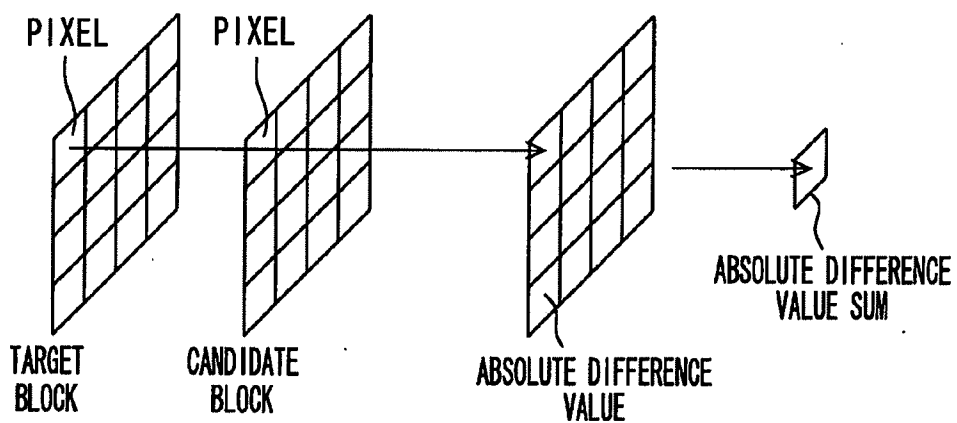
Thomas F. Presson
Reg. No. 41,442
(212) 588-0800

F I G . 1



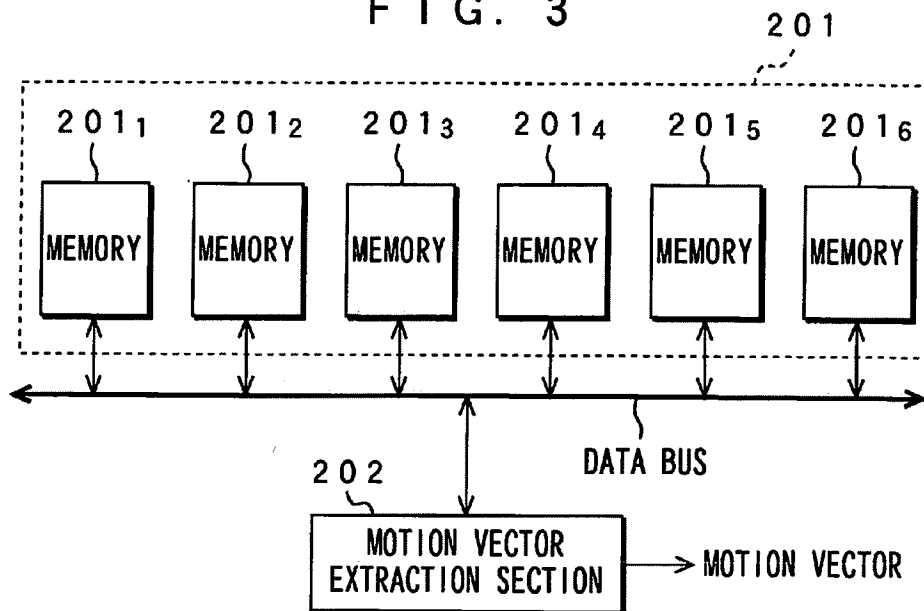
PRIOR ART

F I G . 2



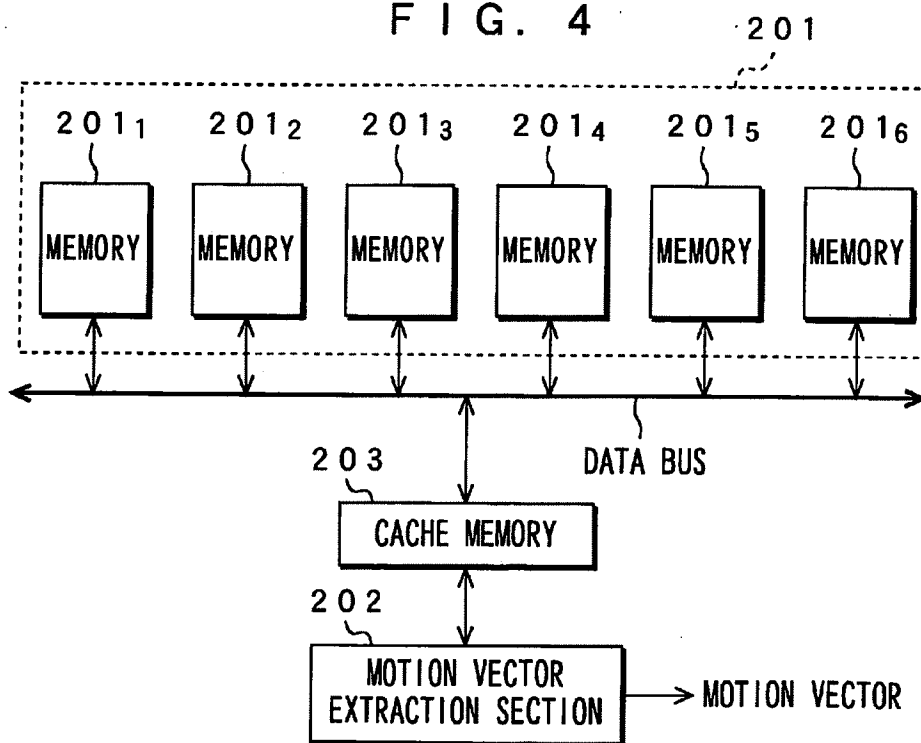
PRIOR ART

FIG. 3



PRIOR ART

FIG. 4



PRIOR ART